

Flash Roasting [of Zinc Concentrates] at the
Ust-Kamenogorsk Combine, by V. N. Lunev, V. I.
Chuprikov.

RUSSIAN, per, Tsvetnye Metally, Vol XXX, No 2,
1957, pp 32-36.

Henry Bratcher 4379
\$6.90

Sci - Engr

Apr 59

84,312

The Rate Characteristics of Presses for Non-Ferrous
Metals, by Gagen-Torn. UNCLASSIFIED

RUSSIAN, par, Tsvetnyiye Metally, No 2, 1957,
pp 61-67.

NLL M.4092
British Iron and
Steel Ind 962
(13.5.0)

Sci - Min/Met
Nov 58

76,277

Diffusion of Sulfur in Nickel, by
A.A. Presnyakov, et al.
RUSSIAN, per, Tsvetnye Metally, Vol. 30
no. 2, 1957, pp. 73-76
*CFSTI TT 70-57011

Sci./phys
Feb 70

Some Sulfhydrylic Compounds of Palladium,
by K.A. Karasev.

RUSSIAN, per, ~~Tsvetnye Metally~~, No 3, 1958.
pp 47-54.

Primary Sources
SMT-1298

Sci - Chem
Jul 61

157, 465

Economics Made Possible by Flash Roasting of
Zinc Concentrates, by S. I. Anos, E. L. Veller,

RUSSIAN, per, Tsvetnye Metally, Vol XX, No 4,
1957, pp 7-9.

Henry Krutcher 1980
\$3.90

Sol - Hager

Apr 59

84,299

Hydrolytic Precipitation of Copper in Leaching
Roasted Zinc Concentrates, by A. P. Snurnikov.
RUSSIAN, per, Tsvetnye Metally, Vol 30, No 4,
1957, pp 8-21
EZ

Sci -
Jul 67

334,149

Study of the Behavior of Antimony During the
Electrolytic Refining of Copper Using a Method of
Radioactive Isotopes, by S. G. Filimonova,
15 pp.

RUSSIAN, per, Tsvetnyye Metally, Vol XXX, No 4,
1957, pp 37-44.

SLA 60-23582

Sci

Apr 61

146,193

61-22845

Belyaev, I. Ph.
THE EFFECT OF NON-METALLIC ADDITIONS ON
THE TENSILE STRENGTH OF PLATINUM AT HIGH
TEMPERATURES. Jan 60.
Order from MT

MT Trans-54

Trans. of Tsvetnye Metally (USSR) 1957, v. 30, no. 6,
p. 57-61.

DESCRIPTORS: *Platinum, Tensile properties.

MT-54

(Metallurgy--Nonferrous Metals, TF, v. 6, no. 6)

I. Belyaev, I. Ph.
II. MT Trans-54
III. Tollemache, M. de O.
(Gt. Brit.)

SWA 62-18124

177608

Office of Technical Services

A Critique of an Article by N. P. Zhetvin, V. K. Belosevich "The Rolling and Heat Treatment of Titanium", by V. F. Kalugin, 7 pp.

RUSSIAN, per, Tsvetnyye Metally, No 6, 1957, pp 78-86.

CIA/FDD X-3035

Sci - Minerals/Metals
Aug 58

70,986

The Economic Expediency of Autoclave Processes in
the Nickel Plants of the Urals and the Kola Peninsula
by T. G. Begunova, 12 pp. UNCLASSIFIED

RUSSIAN, no per, Tavetnyye Metally, No 7, Moscow,
Jul 1957, pp 14-22.

OWLD #13 US JPRS/DC-L-401

USSR

Econ - Nonferrous Metallurgy Nickel
Jun 58

64,655

Manufacture of Copper With Low Oxygen Content,
by D. G. Butomo, et al. UNCL

RUSSIAN, per, Tsvetnye Metally, Vol XXX, No 7,
1957, pp 70-75.

DSIR LIAU RTS 1040

15a. Od.

Sci - Chem

UNSR

Econ

Aug 59

94,827

Kovyrshin, V. G. and Apollonov, V. K.
COMPLETE EXTRACTION OF MOLYBDENUM AND
RHENIUM FROM MOTHER LIQUORS IN CALCIUM
MOLYBDATE PRODUCTION (Dolizvlecheniye Molibdena
i Reniya iz Matochnykh Rastvorov Proizvodstva
Molibdata Kal'tsiya). [1961] 10p.
Order from ATS \$14.85

ATS-71M44R

Trans. of Tsvetnyye Metally (USSR) 1957, v. 30,
no. 8, p. 67-73.

RJ- 3336

(Metallurgy, TT, v. 5, no. 10)

- 61-32644
1. Molybdenum--Separation
 2. Rhenium--Separation
 3. Calcium molybdate--
Production
 - I. Kovyrshin, V. G.
 - II. Apollonov, V. K.
 - III. ATS-71M44R
 - IV. Associated Technical Serv-
ices, Inc., East Orange,
N. J.

158829

Office of Technical Services

Flash Roasting of Nonferrous Sulfide to Sulfate
Ores, by G. Ya. Leizerovich, et al.

or Leizerovich h

RUSSIAN, per, Tsvetnye Metally, Vol XIII, No 9,
1957, pp 19-25.

Henry Bratcher 4411
\$3.40

Sci- Engr

CSIRO

Jan 59

79,673

Form in Which Nonferrous Metals Are Lost
In Slags, by B. V. Lipon.

RUSSIAN, per, Sovetskoye Metallo, Vol XXX,
No 9, 1957, pp 31-36.

CSIRO

Sol - Min/Met, Engr
Jul 62

204, 914

Nonferrous Metallurgy on the ~~Ussr~~ Upsurge, by I. A. Strigin, 13 pp. UNCLASSIFIED

RUSSIAN, no par, Tsvetnyye Metally, No 10, Oct 1957, pp 1-8.

US JPRS/DC-L-327

USSR

Econ - Nonferrous Metallurgy
May 58

64,219

The Mineral and Raw Material Base for the USSR Non-ferrous Metallurgical Industry on the Fortieth Anniversary of the Great October Socialist Revolution, by P. Ya. Antropov, 10 pp. UNCLASSIFIED

RUSSIAN, no per, Tsvetnyye Metally, No 10, Oct 1957, pp 9-14.

US JPRS/DC-L-328

USSR

Econ - Nonferrous Metallurgy
May 58

64,218

Domestic Technology in Concentrating Nonferrous
Metal Ores, by A. V. Troitskiy, 11 pp.

RUSSIAN, no per, Tsvetnyye Metally, No 10, Oct 1957,
pp 24-30.

US JPRS/DC-L-330

USSR

Econ - Nonferrous Metallurgy
May 58

64,216

Lead and Zinc Metallurgy in the USSR, BY N. P.
Ok'khov, 17 pp. UNCLASSIFIED

RUSSIAN, no per, Tsvetnyye Metally, No 10, Oct 1957,
pp 36-45.

US JPRS/DC-L-332

USSR
Econ - Nonferrous Metallurgy
May 58

64, 214

The Development of the Nickel and Cobalt
Industry, by A. A. Mironov, 8 pp. UNCLASSIFIED

RUSSIAN, no per, Tsvetnyye Metally, No 10, Oct 1957,
pp 46-50.

US JPRS/DC-L-333

USSR

Econ - Nonferrous Metallurgy
May 58

64,213

Forty Years of the Soviet Gold Industry, by I. F.
Baryshnikov, 13 pp. UNCLASSIFIED

RUSSIAN, no per, Tsvetnyye Metally, No 10, Oct 1957,
pp 51-58.

US JPRS/DC-L-334

USSR

Econ - Nonferrous Metallurgy
May 58

64, 712

Development of Secondary Nonferrous Metallurgy in the
USSR, BY N. A. Istrin, 7 pp. UNCLASSIFIED

RUSSIAN, no per, Tsvetnyye Metally, No 10, Oct 1957,
pp 59-62.

US JPRS/DC-L-335

USSR
Econ - Nonferrous Metallurgy
May 58

64,211

The Krasnoural'sk Plant, the Firstborn of the Copper
Smelting Industry up to the Fortieth Anniversary of
Great October, by I. I. Surovov, N. V. Gudima,
16 pp. UNCLASSIFIED

RUSSIAN, no per, Tsvetnyye Metally, No 10, Oct 1957,
pp 63-71.

US JPRS/DC-L-336

USSR
Econ - Nonferrous Metallurgy
May 58

64,210 /

The Economic Effectiveness of Advanced Methods for
Producing an Intermediate Metal Sulfide, Product,
[Feinstein], by V. P. Krasovskiy, 13 pp. UNCLASSIFIED

RUSSIAN, no per, Tsvetnyye Metally, Vol XXX, No 10,
Oct 1957, pp 72-79.

US JPRS/DC-L-337

USSR

Econ - Nonferrous Metallurgy

May 58

64,209

Extraction of Tellurium From Certain Products of Lead
Production, by Ya. Z. Malkin, V. Ya. Sergiyenko, N. V.
Bortuta, I. G. Yudelevich, 17 pp. UNCLASSIFIED

RUSSIAN, no per, Tsvetnyye Metally, No 10, Oct 1957,
pp 80-87.

5 LA 60-15824
US JPRS/DC-L-338

Language in En

USSR

Econ - Nonferrous Metallurgy

May 58

64,208

Investigations of the Physical and Chemical
Properties of the Electrolyte of Industrial
Aluminum Electrolyzers, by N.K. Novikov.

RUSSIAN, per, Tsvetnye Metally, No 11, 1957,
pp 46-53.

DISP. 111
Primary Sources
SMT-1127

Sci- Phys
Jul. 61

159,464

Ni-W, Ni-Ca and Ni-Sr Alloys for Oxide Cathodes
of Radio Tubes, by I.L. Rogel'terg.

RUSSIAN, per, Tsvetnye Metally, No 11, 1957, pp 67-74.

Primary Sources
SMT-1137

Sci - Chem
Jul 61

159, VLL

Sintering of Columbian Powder, by O/ P. Kolchin,
N. P. Chuvelava.

RUSSIAN, per, Izvestiya Metall, Vol XIII, No 12,
1957, pp 65-70.

Henry Bratcher 4415
\$8.75

Sci - Engr

Jan 59

Henry Bratcher 4415
79,672

Flocculating Agents for Accelerated Thickening and
Filtration of Hydrometallurgical Pulps, by I. A.
Yakobovich,.

RUSSIAN, per, Tsvetnye Metally, Vol XXX, No 12,
1957, pp 9-11.

ATS 82E23R
PJ-1539

Sci
May 59

87,255

Use of Flocculants for Settling Pulp in the
Production of Zinc, by A. D. Mayants, F. I.
Bakchitskaya. UNCL

RUSSIAN, per, Tsvetnoye Mat, Vol XXXI, No 1,
1958, pp 44-47.

DSIR LIU RRS 1406

(10s. Od.)

Sci - Min/Met
Mar 60

111,073

Glazunov, L. A., Mitrefanov, S. I., and
Ratnikova, O. A.
THE OXYGENATED STATE OF PULP DURING SE-
LECTIVE FLOTATION OF LEAD-COPPER-ZINC-
PYRITIC ORE (Kislorodnyi Rezhim Pul'py v Protse-
selektivnoi Flotatsii Svintsova-Medno-Tselinkova-
Piritnoi Rudy). Dec 61 [18]p. 4 refs. RTS 1905.
Order from OTS or SLA \$1.60

62-13752

Trans. of Tsvetnye Metally (USSR) 1958, v. 31, no. 2,
p. 1-6.

DESCRIPTORS: *Lead, *Copper, *Zinc, *Pyrites,
*Ores, *Flotation, Oxygen, Determination, Sodium
compounds, Sulfides, Oxidation, Reagents, Minerals,
Sulfate pulp.

Determination of a pulp oxygen content in the process-
ing at the Belounevskii beneficiation plant for direct
(Metallurgy, TT, v. 7, no. 8) (over)

62-13752

- I. Glazunov, L. A.
- II. Mitrefanov, S. I.
- III. Ratnikova, O. A.
- IV. RTS-1905
- V. Department of Scientific and
Industrial Research
(G. Brit.)

201384

Office of Technical Services

Roasting of Zinc Concentrates in a Fluid Bed
in Air Enriched With Oxygen, by B. I.
Shachkov. UNCL

RUSSIAN, per, Tsvetnye Met, No 2, 1958,
pp 28-35.

DSIR LIX M.880
OTS 60-13686

(loan)

Sci - Chem
Dec 59

102,438

Classifying Zinc Ashes, by A. P. Smurnikov.
UNCL

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, No 2,
1958, pp 36-39.

DSIR LIU RTS 1407

(10s. 01.)

Sci - Min/Int
Apr 60

113,045

10 893

GE-1

I. L. PERLIN, N. M. BOGORAD, V. A. FEDORCHENKO

Compression of beryllium, zirconium, uranium and thorium

Pressen von Beryllium, Zirkon, Uran und Thorium

Tsvetnye Metally, 31, No. 2, 68-76 (1958)

German

E u r a t o m

Development of Equipment for Removal of Excess
Heat from a Fluidized Bed in Roasting Granulated
Copper-Zinc Concentrates at a High Productivity,
by I. A. Buravoy, et al. USSR

RUSSIAN, par, Tsvetnyye Metally, Vol XXXI, No 3,
1958, pp 30-38.

OTS 60-23565
DSIR LLN ITS 1408

(LL. On. Os.)

Sci - Min/Met
Apr 60

113,046

The Hydrometallurgical Treatment of High Silica
Zinc Concentrates, by A. D. Mayants, F. I. Barotit-
skaya.

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, No 3,
1958, pp 46, 47.

DSIF LLU RTS 1594

Sci - Min/Met

Oct 60

128,854

How the Nature of Diaspore in the Bauxite Ores
Determines the Grade of Its Extraction by Leaching.
by V. A. Bernstein, E. A. Matcenok.

RUSSIAN, per, Tsvetnye Metally, No 3, Moscow, 1958,
pp 55-60.

Dept of Interior
TN7, E57, No 72

Sci - Min/Mat

Nov 59

100,438

Plastic Properties and Microstructure of
Technical Titanium Produced in ARC Furnaces,
by V. V. Zholobov, A. D. Landikhov, 6 pp.

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, No 3,
1958, pp 66-69.

SLA 60-13600

Sci

OTS, Vol IV, No 3

Oct 60

129,441

Conference on Problems of Complex Processing of
Raw Materials, 5 pp.

RUSSIAN, per, Tsvetnyye Metally, No 3, 1958,
pp 84-86.

US JPRS/DC-L-584

Sci - Engr
Sep 58

73,147

More Attention to Implementation of New Tech-
nique in the Aluminum Industry, by V. Murashev,
2 pp.

RUSSIAN, per, Tavetnyye Metally, No 3, 1958,
pp 86, 87.

US JPRS/DC-L-596

USSR
Econ
Sci - Engr
Sep 58

73,148

Place for Autoclave Hydrometallurgy in the
Scheme for Copper-Nickel Ore Processing, by
I. N. Maslenskii.

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, No 4,
1958, pp 1-5.

SLA 60-19875
DSIR LLU M. 1591

Sci - Min/Metals

170, 764

Oct 61

Some Questions Relating to the Further
Development of Fluidized Bed Furnaces for
the Roasting of Zinc Concentrates, by G. M.
Gusev, Ya. N. Shvartsman. UNCL

RUSSIAN, per, Tsvetnyye Metally, Vol XXII,
No 4, 1958, pp 29-34.

075 60-23805
DSIR LIU HTS 1409

(15s. ca.)

Sci - Min/Met
Apr 60

113,047

An Electrothermic Method of Zinc Distillation
From Silver Crust, by I. I. Kerschansky, V. P.
Ovcharenko. UNCL

RUSSIAN, par, Tsvetnye Metally, No 4, 1958,
pp 34-43.

DSIR Leading Library Unit
M. 112

Primary Source 5017-1377

Sci - Phys; Min/Met
Apr 59

86,110

The Carbide Method of Producing a Lead-Calcium
Hardener Alloy, by V. V Rodyakin.

RUSSIAN, per, Tavetnyye Metally, Vol XXXI, No 4,
1958, pp 43-49.

DSIR LLU RTS 1520

Sci - Chem

Oct 60

128,720

61-22846

Oreshko, N. A.
THE IMPROVEMENT IN THE TECHNIQUE, AND THE
INCREASE IN THE PRODUCTIVITY, OF SEMI-CON-
TINUOUS CASTING AT THE VOLKHOV ALUMINUM
PLANT [Sovershenstvovanie i Intensifikatsiya Protseesa
Polusprieryvnogo Lit'ya na Volkhovskom Alyuminievom
Zavode]. Jan 60.
Order from MT 41 is MT Trans-55

Trans. of Tsvetnye Metally (USSR) 1958, v. 31, no. 4,
p. 74.

DESCRIPTORS: *Castings, Production, *Industrial
production, USSR.

MT-55

(Machinery--Manufacturing, TT, v. 6, no. 5)

- I. Oreshko, N. A.
- II. MT Trans-55
- III. Tollemache, M. de O.
(Gt. Brit.)

180559

Office of Technical Services

Long-Range Plan for Development of Nonferrous
Metallurgy 1959-1965, 9 pp.

RUSSIAN, per, Tsvetnyye Metally, No 5, 1958,
pp 1-7.

US JPRS/DC-L-595

USSR
Econ
Sep 58

73,174

New Ways in the Fabrication of Sheetmetal From
Aluminum and its Alloys, by A. I. Kolpashnikov,
Dzys-Min-Guan, V. D. Korolev, 12 pp.

RUSSIAN, per, Tsvetnyye Metally, No 5, 1958,
pp. 62-70.

{ Sci - Minerals/Metals
Feb 59

5.00

MT-119

~~000-10-99-12186~~

Primary Sources
" Bleekew ST
N.Y. SMT 1398

81,612

(NY-3001/2).

Over-all Automation of a Bauxite Wet Grinding
Department, by V. I. Gusarov, A. M. Samoylin,
6 pp.

RUSSIAN, per, Tsvetnyye Metally, No 6, 1958,
pp 26-30.

JPRS-1977-N

USSR
Econ - Tech - nonferrous metals
Dec 59

104,421

Automation of Technical Processes in Titanium-
Magnesium Production, 1 p. UML

RUSSIAN, per, Tsvetnyye Metally, No 6, 1958,
pp 38-41.

JPRS/DC-1-1165

Sol - Min/Met
Sep 59

96,069

Utilization of a New Slag-Fuming Plant at
Ust'-Kamenogorsk Lead Zinc Combine, by
P. A. Denchenko, et al. UNCL

RUSSIAN, per, Tsvetnaya Metall, Vol XXXI,
No 6, 1958, pp 74-82.

60-15105
DSIR LUU N.1311

(1can)

UNCL
Econ
May 60

116,588

DC-58

On the Question of the Electro-Smelting in Lead-Zinc Metallurgy, by P. V. Sergiyev, 4 pp.

RUSSIAN, per, Tsvet Metally, No 6, 1958, pp 80-85.

US JPRS/DC-L-1170

Sci - Minerals, Metals
Dec 58

60,442

DC-58

A New Method for the Treatment of Poor Complex
Tin Raw Material, by M. H. Sevnynkov, 9 pp.

RUSSIAN, per, Tsvet Metally, No 6, 1958,
pp 86-93.

US JPRS/DC-L-1169

Sci- Minerals, Metals
Dec 58

60,576

Data on the USSR Nickel Industry. Twenty-Five Years
of the Soviet Nickel Industry, by I. A. Surigin,
6 pp.

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, No 7,
Moscow, Jul 1958, pp ~~3-6~~ 3-6.

US JPRS/NY-L-338

USSR

Econ - Nonferrous Metallurgy

Sep 58

73, 955

Data on the USSR Nickel Industry. The Nickel-Cobalt Industry in 1959-1965, by I. G. Torubarov, 7 pp.

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, No 7, Moscow, Jul 1958, pp 7-11.

US JPRS/NY-L-338

USSR

Econ - Nonferrous Metallurgy

Rep 58

73,956

Vanyukov, A. V.
NEW PROCESSES FOR METALLURGICAL TREAT-
MENT OF OXIDIZED ORES IN THE USSR. [1960]
[6]p.
Order from LC or SLA m\$1.80, ph\$1.80 61-10732

Trans. of Tsvetnyye Metally (USSR) 1958 [v. 31]no. 7,
p. 30-34.

151838

(Metallurgy, TT, v. 5, no. 9)

61-10732

1. Nickel ores--Metallurgy
2. Nickel ores--USSR
3. Nickel ores--Oxidation
1. Vanyukov, A. V.

Office of Technical Services

Lisovskiy, D. I.
SULPHIDIZATION PROCESSING FOR METALS
DURING THE PRINCIPAL STAGES OF TREATING
OXIDIZED NICKEL ORES. [1960] [10] p. 29 refs.
Order from LC or SLA m\$1.80, ph\$1.80 61-10734

Trans. of Tsvetnyye Metally (USSR) 1958 [v. 31] no. 7.
p. 44-50.

151839

Primary Source
ENT 00881

(Metallurgy, TT, v. 5, no. 9)

61-10734

1. Nickel ores--Metallurgy
2. Metals--Processing
1. Lisovskiy, D. I.

Office of Technical Services

Production of Nickel Strips of High Purity,
by K. P. Kalinin, M. P. Iyamina, M. Z.
Spiridonova. UNCL

RUSSIAN, per, Tsvetnye Metaly, No 7, 1958,
pp 56-61.

DSIR LRU M.652

Primary Source SMT 19/09

(loan)

102,437

Sci - Min/Mat
Doc 59

Behavior of Germanium in the Pyrometallurgical
Treatment of Copper Ores and Concentrates,
by A.I. Okunev.

RUSSIAN, per, Tsvetnye Metally, No 7, 1958, pp78-84.

Primary Sources
CR-876

Sci - Min/Met
Jul 61

SLA 62-13604

159,467

Data on the USSR Nickel Industry. Organizational
Meeting of Commission for Nickel Oxide Ores, by
Ya. Sh., 3 pp.

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, No 7,
Moscow, Jul 1958, pp 90, 91.

US JPRS/HY-L-338

USSR
Econ - Nonferrous Metallurgy
Sep 58

73, 957

58-D

A New Method of Decoppering Crude Lead, by
S. S. Novoselov, M. V. Yakushin, 7 pp.

RUSSIAN, per, Tsvetnyye Metally, No 8, Moscow,
Aug 1958, pp 15-20.

US JPRS Tr L-1301-D

Sci - Minerals, Metals
Jan 59

71,325

DC-58

Losses of Metal With Slags of Shaft Lead Smelting,
by V. V. Kolyakin, 4 pp.

KRESKIAN, per, Tsvetnyye Metally, No 8, Moscow,
Aug 1958, pp 21-24.

03 JPRS/DC-L-1255

Sci - Minerals, Metals
Dec 58

78,353

DC-58

Extraction of Tellurium and Indium From Antimonious Slag, by Ya. Z. Malkin, 3 pp.

RUSSIAN, per, Tsvetnyye Metally, No 8, 1958,
pp 34-39.

BS JPRS/DC-L-1254

Sci - Minerals, Metals
Dec 58

77,585

10 876

GE-1

P. P. TSYB

Utilization of amalgam electrolysis in the metallurgy of
non-ferrous and rare metals

Anwendung der Amalgamelektrolyse in der Metallurgie
der Nichtisen-Metalle und der seltenen Metalle

Tsvetnye Metally, 31, No. 8, 40-45 (1958)

German

E u r a t o m

Approximate Analysis of the Results of the Interaction of Currents With the Magnetic Field in Aluminum Electrolyzers, by B. I. Rubin,

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, No 8, 1958, pp 53-56.

PS CR-2824

OTS
Vol 5 No 6

Installation for the Drawing Into Wire and the
Rolling in Freely Revolving Rolls of Metals in
Fluid Subjected to High Hydrostatic Pressure,
by B. I. Bereznov. UNCL

RUSSIAN, per, Tsvetnye Metally, No 8, 1958,
pp 61-63.

HB 4488

DSIR LIU RTS 1090

7s. 6a.

Sci - Min/Met
Jun 59

88,478

58-D

On Results of Carrying Out the Periodical
Process of Leaching at KST'-Kamenogorsk Lead-
Zinc Combine, by B. M. Ponin, 4 pp.

RUSSIAN, for, Tsvetnyye Metally, No 8,
Moscow, Aug 1958, pp 72, 73.

IS JPRS T: L-1300-D

Sci - Minerals, Metals
Jan 59

78.324

DC-58

Conference on the Problem of Economizing Copper
and Lead in the National Economy of the USSR,
by H. A. Istrin, 6 pp.

RUSSIAN, per, Tsvet Metally, No 8, 1958,
pp 83-85.

US JPRN/DC-L-1180

Sci - Minerals, Metals
Dec 58

60,155

Recovery of Nickel From Converter Mattes, by
L. L. Chernak. UNCL

RUSSIAN, per, Tsvetnye Met, No 9, 1958,
pp 37-39.

DSIR LIX M.653
PS SMT-14101
(loan)

Sci - Mtu/Met
Dec 59

102,444

Considerations of Stability in the Floating
Plug Process for Tubes, by I. L. Perlin. UNCL

RUSSIAN, per, Tsvetnye Metally, No 9, 1958,
pp 58-61.

NLL M.4569
British Iron and
Steel Ind 1328

Sol - Engr
May 59

89,013

Graphite Casting Molds, by M.N. Sosnenko.

AK RUSSIAN, per, Tsvetnye Metally, No 10, 1958,
pp 6-7.

Primary Sources
CR-2694

Sci - Min/Met
Jul 61

159,468

R-900

(DC-2534).

Material and Thermal Balances of a Rever-
beratory Furnace of the Krasnoural'sk Copper-
Smelting Combine, by I. I. Surovov, A. Ya.
Mikhaylenko, A. A. Tsedyler, 6 pp.

RUSSIAN, per, Tsvetnyye Metally, Vol. (XXI), No. 10, 1958,
pp 29-32. *Moscow*

US JPRS-L-1703-D

Sci - Engr

Jun 59

89,188

Automatic Control of Current Supply for Aluminum
and Zinc Industrial Electrolytic Cells, by B. V.
Rabinovich, Yu. R. Sevinyan.

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, 1958,
pp 30-33.

DSIR LLU RTS 1575

Sci - Min/Met

128,847

Oct 60

R-900

(DC-2534).

The Leaching of Zinc From Fuming Sublimates,
by V. V. Kostolov, V. S. Morachevskaya, 9 pp.

U/L XXXI,
RUSSIAN, per, Tsvetnyye Metally, No 10, 1958,
pp 39-43. *Moscow*

US JPRS-L-1704-D

ID

Sci - Min/met

Jun 59

89,187

Production of Ammonium Ferrhenate and Other Salts
of "Rhenic Acid from Potassium Ferrhenate, by
V.G. Kovyshin.

RUSSIAN, per, Tsvetnye Metally, No 10, 1958,
pp 43-49.

Primary Sources
CR-2498

Sci - Chem
Jul 61

152,470

The Role of Electrolyte Composition in Intensifying
the Working of Aluminum Baths, by A.I. Balyayev.

RUSSIAN, per, Tsvetn/ye Metally, No 10, 1958,
pp 61-66.

Primary Sources
CR-2822

Sci - Min/Met
Jul 61

157, 469

Gas Ducts (Uptakes) With Water-Cooling
Jackets in Furnaces for the Fluidized
Bed Roasting of Zinc Concentrates, by
Ya. N. Shvartaman. UNCL

RUSSIAN, per, Tsvetnyye Metally, Vol XXI,
No 10, 1958, pp 78-80.

SLA 60-17473
DSIR LLU RTS 1410

(7a. 6a.)

Sci - Min/Met

Apr 60

113,048

Application of Cold Welding in the Manufacture
of Cathodes for the Electrolysis of Zinc Sulphate
Solutions, by G. M. Rakoch, et al.

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, 1958,
pp 85-87.

DSIR LLJ RTS 1576

Sci - Engr

128,849

Oct 60

R-900

(RC-2534).

Results of Lowering Reagent Consumption
at the Kirovgrad Concentrating Factory, by
S. I. Popov, L. D. Kulikov, 12 pp.

RUSSIAN, per, Sovetskyye Metally, Vol XXVI,
No 11, 1958,
pp 1-8. *Thickens*

US JPRS-L-1701-D

USSR
Kcon
Jun 59

89,190

A Study of the Behavior and Recovery of Rhenium
When Roasting Molybenite Concentrates in a
Furnace, by A. N. Zelikman, et al. UNCL

RUSSIAN, per, Tsvetnye Metal, No 11, 1958,
pp 47-52.

SLA 60-13570
PS SMT-2157
DSIR LLU (loan) M.494

Sci - Min/Met
Sep 59

95, 866

R-500

(DC-2534)

The Intensification of Working Aluminum
Electrolysis Units, by I. P. Gupalo, A. A.
Kostyukov, 12 pp.

Vol XXVI,

RUSSIAN, per, Tekhnicheskaya Metalurgiya, No 11, 1958,
pp 52-60.

Moscow

US JPRS-L-1702-D

Sci - Min/met
Jun 59

89,189

Simulating the Electric Field of an Aluminum
Electrolyzer Anode, by M.A. Korobov.

RUSSIAN, per, Tsvetaya Metall, No 11, 1958,
pp 60-66.

Primary Sources
CR-2746

Sci - Electricity
Jul 61

159, 471

14 663

Fr-2

OZILEV I. Y.

Electrolysis of cadmium in cells provided with rotating cathodes

Electrolyse du cadmium dans des cellules munies de cathodes
tournantes

Tsvelnye Met., 31, No. 12 (1958)

F/R-710 - French

E u r a t o m

(DC-2683).

Experimental Concentration of Low-Grade
Titanium-Zirconium Placer Deposits of the Eastern
Ukraine, by D. I. Nedogovorov, Yu. G. Melik-
Stepanov, L. I. Bandenok, 2 pp.

RUSSIAN, per, Tsvetnyye Metally, No 12, 1958,
pp 18-19.

JPRS-L-1762-D

USSR

Jul 59

(DC-2683).

Characteristics of Lead Smelting in Electric
Furnaces, by A. P. Sychev, G. F. Platonov, 4 pp.

RUSSIAN, per, Tsvetnyye Metally, No 12, 1958,
Moscow, pp 28-30.

JPRS-L-1762-D

USSR
CCOW
Sci - E ~ 9 R
Jul 59

92, 878

13 666

GE-1

OSTROUSHKO Yu. I.

Enamel electrolysis to obtain tantalum

Schmelzflusselektrolyse zur Gewinnung von Tantal

Tsvetnye Met., 31, No. 12, 38-44 (1958)

German

Euratom

*Anal. file from:**Inst for Documentation
Unter den Linden 5
Berlin WS*

ELECTROLYTIC METHOD OF PRODUCING TANTALUM, BY
YU. I. OSTROUSHKO, G. A. MEYERSON, ET AL,
13 PP.

RUSSIAN, PER, TSVETNYYE METALLY, NO 12, 1958,
PP 38-44.

JPRS 17729

SCI - CHEM

MAR 63

223,944

Ultrasonic Flaw Detection of Extrusion Defects
When Extruding Bars for Tubes, by N. I. Brazhinikov,
I. A. Krym. UECL

RUSSIAN, per, Tsvetnye Met, No 12, 1958, pp 67-69.

DSIR LIU (loan) M.495

Sci - Min/Met
Sep 59

PS SMT-2165

95, 875

Cold Rolling of Shaped Tubes, by Yu. F.
Shevakin, A. M. Rytikov. UNCL.

RUSSIAN, per, Tsvetnye Metal, No 12,
1958, pp 70-77.

DSIR LIU (loan) M.496

Sci - Min/Mat
Sep 59

PS SMT-2171

95, 865

R-900 EF

(DC-2773)

Improving the Quality of Lead Concentrates in
the Mirgalinsayskiy Concentration Plant, by
G. Yu. Sokolova, 8 pp.

RUSSIAN, per, Tsvetnye Metally, No 1,
Moscow, Jan 1959, pp 21-27.

JPRS L-1674-D

USSR

Econ

Sci - Minerals/Metals

May 59

87, 677

The Flotation of Fine Slimes by Air Precipitated
From Solutions, by V.I. Klassen.

RUSSIAN, per, Tsvetnye Metally, No 1, 1959,
pp 27-32.

Primary Sources
CR-2828

Sci - Min/Net
Jul 61

157 472
/

Yttrium and Its Alloys, by Ye. M. Savitskiy, V. F.
Terekhova, 24 pp.

RUSSIAN, per, Tsvetnyye Metally, No 1, 1959, pp 48-52.

CIA/FDD X-3791

Sci - Min/met
Nov 59

AEC-3996
PS SMT 2257

100,230

Development of a Scheme for the Automatic Control
of a Magnesium-Thermic Process for the Reduction
of Titanium, by A. G. Arkad'yev, et al.

RUSSIAN, per, Tsvetnye Metally, No 1, 1959,
pp 53-62.

DSIR LLU M.1213
(loan)

Sci - Min/Mat

Aug 60

PS SMT 2265

122,540

An Investigation of the Properties of Copper
Titanium Alloys, by K.P. Kalinin.

RUSSIAN, per, Tsvetnye Metally, No 1, 1959,
pp 82-88.

Primary Sources
CR-2698

Sci - Min/Met
Jul 61

159 474

The Extraction of Dust From Waelz Gases in
Unpacked Scrubbers, by H. V. Yur'yev.

RUSSIAN, per, Tsvetnyye Metally, No 1, 1959,
pp 92, 93.

DSIR LIU RTS 1502

Sci - Chem

Sep 60

125,551

Vertical Stripping of Copper-Ease Sheets,
by O.V. Denskoye.

RUSSIAN, per, Tsvetnye Metally, No 1, 1959, pp94-96

Primary Sources
CR-2695

Sci - Min/Met
Jul 61

159, 473

N-900 147

(DC-2773)

Results of Work on the Theory of, and Introduction
Into-Practice of Improvements in the Field of the
Technology of Concentrating Ore, by I. N. Plaksin,
2 pp.

RUSSIAN, publ, Tsvetnyye Metally, No 2, Moscow, 1959,
pp 8, 9.

JPRS 1-1674-D

USSR

Econ

Sci - Minerals/Metals

May 59

87, 651

ПОСЛАНИЕ

(10-2113)2

McCallum of Heavy Nonferrous Metals and
the Path of Their Development, by F. N.
Ioskutov, A. A. Tseydler, 10 pp.

RUSSIAN, per, Tsvetnyye Metally, No 2, Moscow,
1959, pp 17-23.

JPRS L-1674-D

INER

Econ

Sci - Minerals/Metals

May 59

87,653

R-900 EF

(DC-2773)

Several Reserves of Complex Utilization of Raw
Material in Nonferrous Metallurgy, by V. A.
Karchavskiy, 7 pp.

RUSSIAN, *Izvestiya Metallurgii*, No 2, Moscow,
1959, pp 24-31.

JPRS 1-1574-D

1-1574-D

USSR:

Econ

Sci - Minerals/Metals

May 59

87, 652

Continuum Conversion of Matter, by D. A.
Dionidovskiy, et al. UNCL

RUSSIAN, per, Tsvetnyye Metally, No 2, 1959,
pp 27-34.

DSIR LRU M.1214

PS SMT 2277
(loan)

Sci - Min/Mat
May 60

116,587

Autoclave Hydrometallurgy in the Separation of
Copper-Nickel Ores, by S. I. Sobol.

RUSSIAN, per, Tsvetnye Metally, Vol XXXII, No 2,
1959, pp 34-40.

DSIR LLU M.1248
(loan)

Sci - Min/Mat

122,536

Aug 60